

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012325\  
 Data File : FG015146.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Jan 2025 21:22  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025  
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e  
 Quant Time: Jan 24 04:07:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG011325.M  
 Quant Title :  
 QLast Update : Mon Jan 13 11:52:01 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

| Compound                      | R.T.   | Response | Conc Units    |
|-------------------------------|--------|----------|---------------|
| -----                         |        |          |               |
| System Monitoring Compounds   |        |          |               |
| 9) S TETRACOSANE-d50 (SURR... | 15.049 | 6271743  | 48.893 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.007  | 5921969  | 48.532 ug/ml  |
| 2) N-DECANE                   | 4.543  | 6404343  | 49.580 ug/ml  |
| 3) N-DODECANE                 | 6.726  | 6779644  | 49.764 ug/ml  |
| 4) N-TETRADECANE              | 8.562  | 6759321  | 49.386 ug/ml  |
| 5) N-HEXADECANE               | 10.178 | 6978306  | 49.452 ug/ml  |
| 6) N-OCTADECANE               | 11.627 | 7247651  | 49.409 ug/ml  |
| 7) N-EICOSANE                 | 12.943 | 7096578  | 48.812 ug/ml  |
| 8) N-DOCOSANE                 | 14.146 | 6950104  | 48.445 ug/ml  |
| 10) N-TETRACOSANE             | 15.254 | 6874089  | 48.129 ug/ml  |
| 11) N-HEXACOSANE              | 16.278 | 6707820  | 47.627 ug/ml  |
| 12) N-OCTACOSANE              | 17.232 | 6554555  | 46.807 ug/ml  |
| 13) N-TRIACONTANE             | 18.121 | 6471698  | 45.489 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.957 | 6193721  | 44.564 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.741 | 5315751  | 42.425 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.481 | 4262813  | 39.448 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.230 | 3675571  | 37.262 ug/ml  |
| 18) N-TETRACONTANE            | 22.170 | 3396851  | 36.585 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

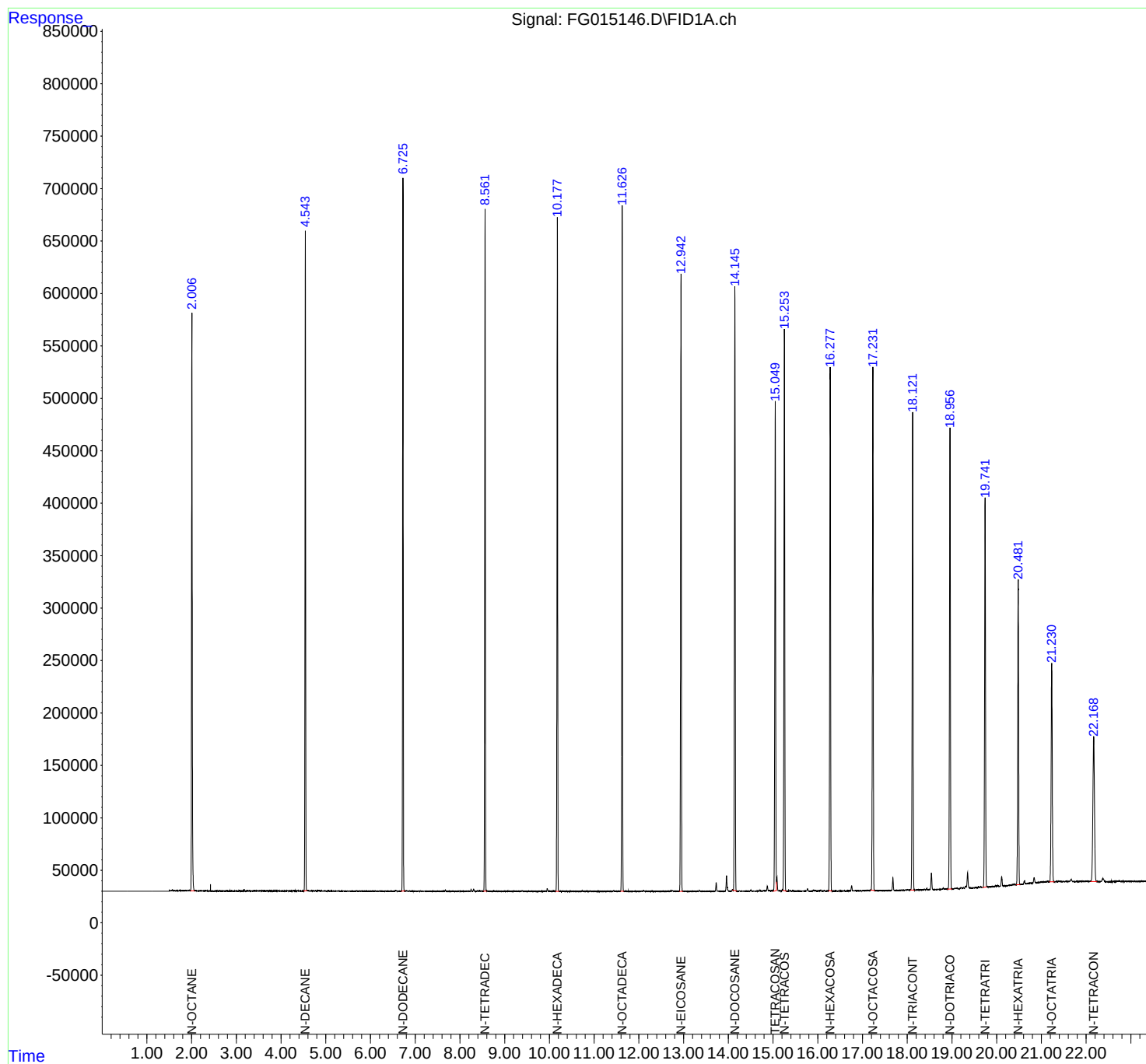
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

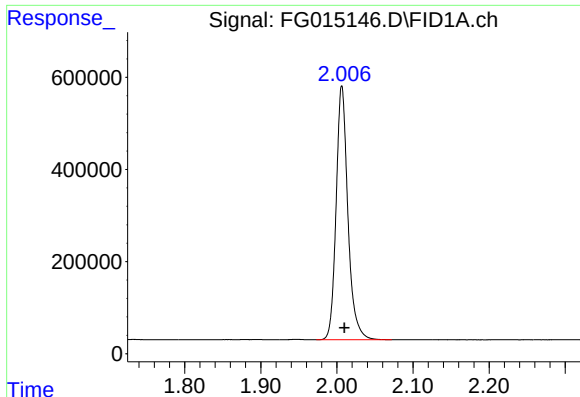
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Signal Info : 20mx0.18mmx0.18um





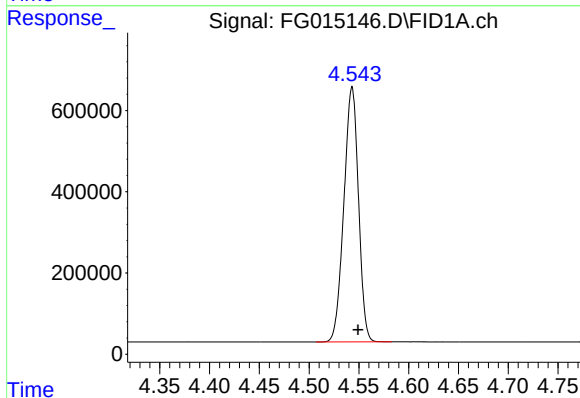
#1 N-OCTANE

R.T.: 2.007 min  
Delta R.T.: -0.003 min  
Response: 5921969  
Conc: 48.53 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

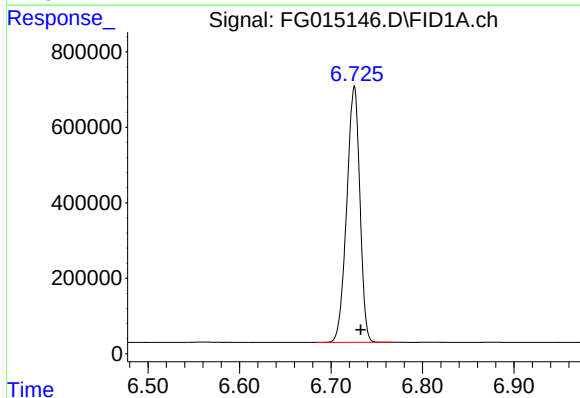
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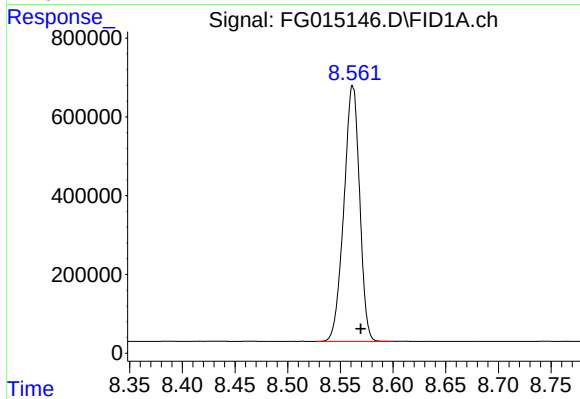
#2 N-DECANE

R.T.: 4.543 min  
Delta R.T.: -0.006 min  
Response: 6404343  
Conc: 49.58 ug/ml



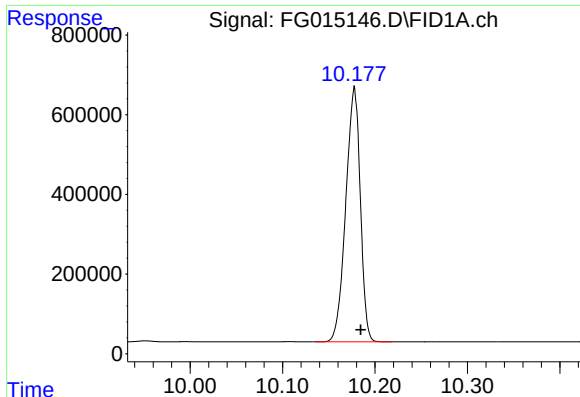
#3 N-DODECANE

R.T.: 6.726 min  
Delta R.T.: -0.007 min  
Response: 6779644  
Conc: 49.76 ug/ml



#4 N-TETRADECANE

R.T.: 8.562 min  
Delta R.T.: -0.008 min  
Response: 6759321  
Conc: 49.39 ug/ml



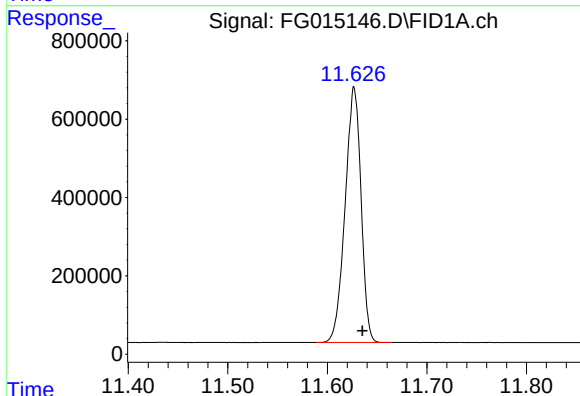
#5 N-HEXADECANE

R.T.: 10.178 min  
Delta R.T.: -0.007 min  
Response: 6978306  
Conc: 49.45 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

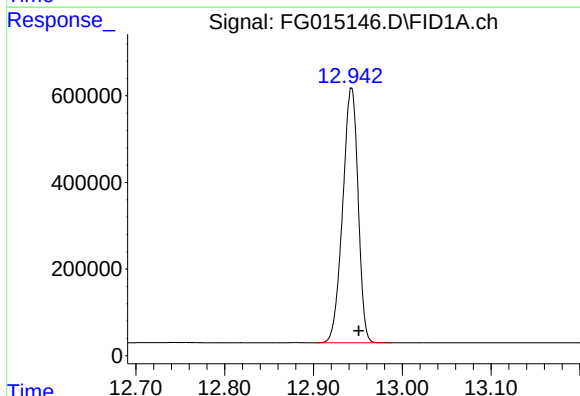
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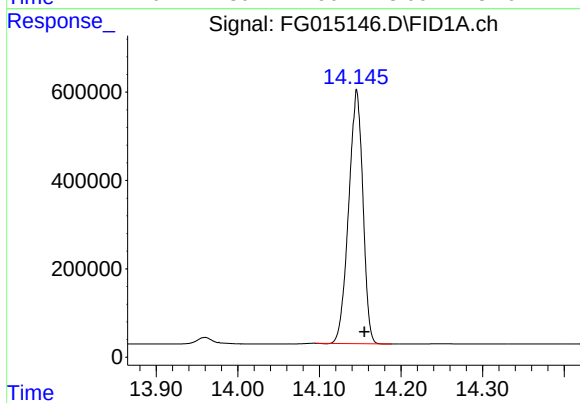
#6 N-OCTADECANE

R.T.: 11.627 min  
Delta R.T.: -0.008 min  
Response: 7247651  
Conc: 49.41 ug/ml



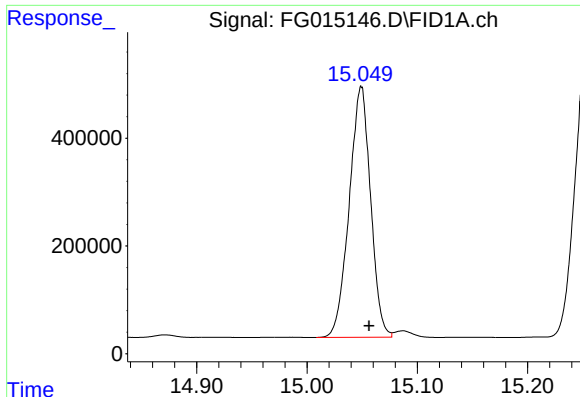
#7 N-EICOSANE

R.T.: 12.943 min  
Delta R.T.: -0.008 min  
Response: 7096578  
Conc: 48.81 ug/ml



#8 N-DOCOSANE

R.T.: 14.146 min  
Delta R.T.: -0.009 min  
Response: 6950104  
Conc: 48.45 ug/ml



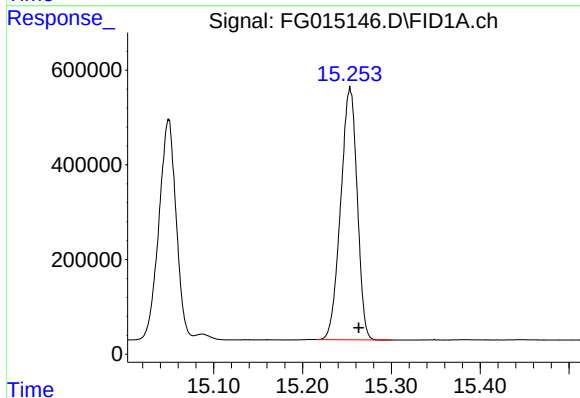
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.049 min  
Delta R.T.: -0.008 min  
Response: 6271743  
Conc: 48.89 ug/ml

Instrument :  
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50 PPM TRPH STD

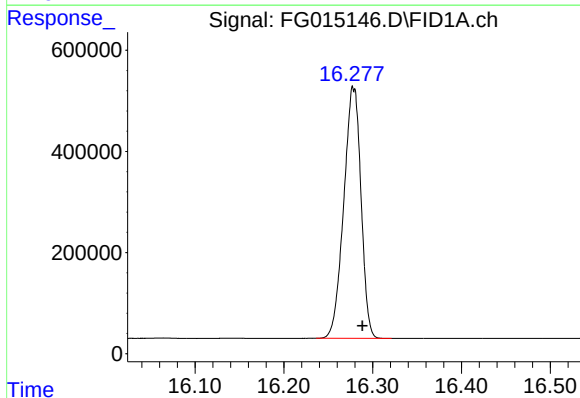
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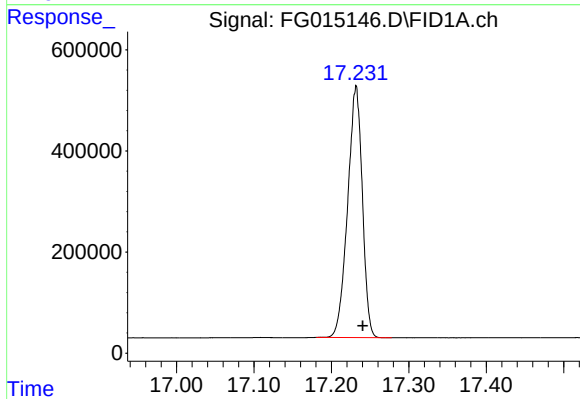
#10 N-TETRACOSANE

R.T.: 15.254 min  
Delta R.T.: -0.010 min  
Response: 6874089  
Conc: 48.13 ug/ml



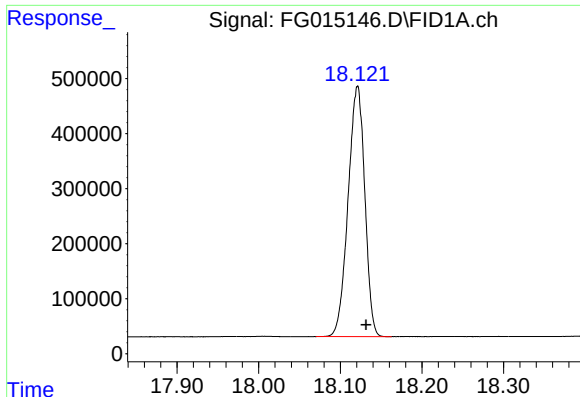
#11 N-HEXACOSANE

R.T.: 16.278 min  
Delta R.T.: -0.010 min  
Response: 6707820  
Conc: 47.63 ug/ml



#12 N-OCTACOSANE

R.T.: 17.232 min  
Delta R.T.: -0.009 min  
Response: 6554555  
Conc: 46.81 ug/ml



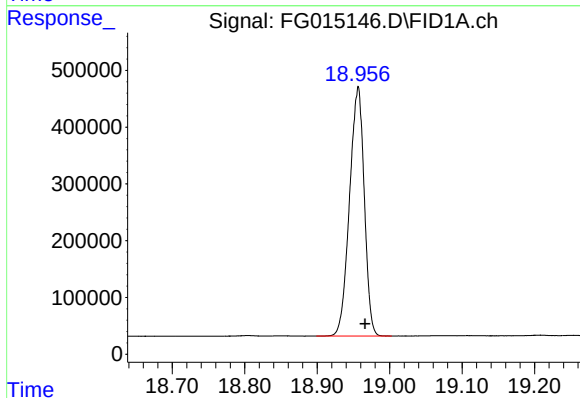
#13 N-TRIACONTANE

R.T.: 18.121 min  
Delta R.T.: -0.010 min  
Response: 6471698  
Conc: 45.49 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

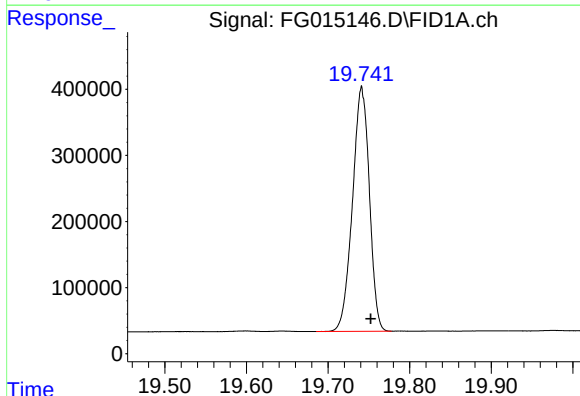
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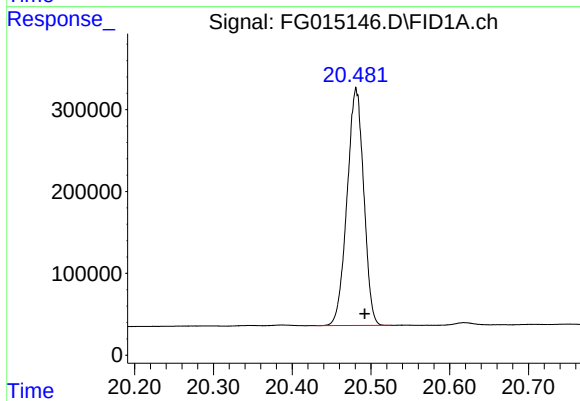
#14 N-DOTRIACONTANE

R.T.: 18.957 min  
Delta R.T.: -0.009 min  
Response: 6193721  
Conc: 44.56 ug/ml



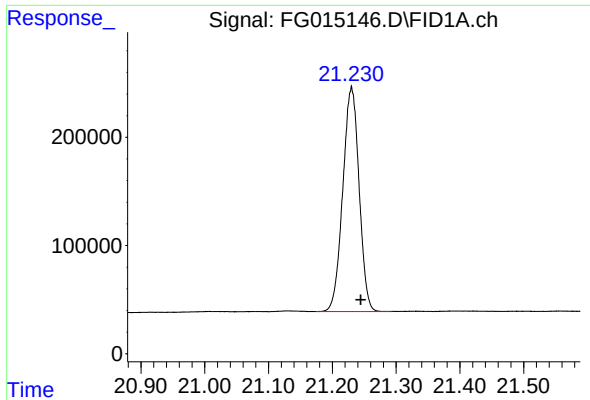
#15 N-TETRATRIACONTANE

R.T.: 19.741 min  
Delta R.T.: -0.011 min  
Response: 5315751  
Conc: 42.43 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.481 min  
Delta R.T.: -0.011 min  
Response: 4262813  
Conc: 39.45 ug/ml



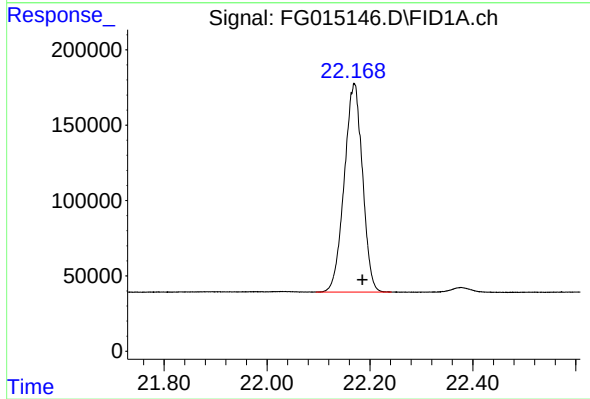
#17 N-OCTATRIACONTANE

R.T.: 21.230 min  
Delta R.T.: -0.014 min  
Response: 3675571  
Conc: 37.26 ug/ml

Instrument :  
FID\_G  
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#18 N-TETRACONTANE

R.T.: 22.170 min  
Delta R.T.: -0.015 min  
Response: 3396851  
Conc: 36.59 ug/ml